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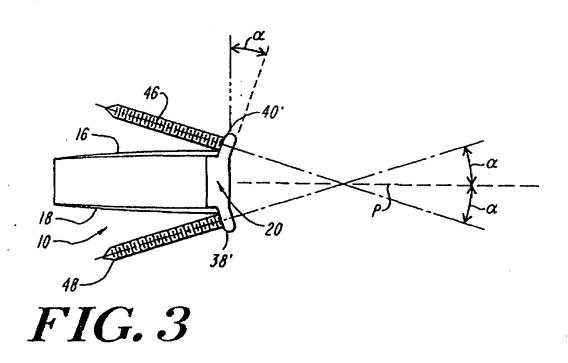
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(54) Anterior lumbar interbody fusion cage with locking plate

(57) A spinal fixation assembly includes a fusion cage (10) to which a plate (20) is mated. The plate is configured to receive, retain and orient bone screws (46,48).



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EUROPEAN SEARCH REPORT

Application Number EP 00 31 0411

		ERED TO BE RELEVANT		:
Category	Citation of document with in of relevant passa	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CL7)
X	WO 97 20526 A (BRAY 12 June 1997 (1997-	ROBERT S JR) 06-12)	1,2,5,6, 8-12,16, 17,20,21	·
γ	* claim 1; figures * page 8, line 31 -	1C,2,3,10,16 * line 36 *	13-15	
х	US 5 713 899 A (GOD. 3 February 1998 (19 * claim 5; figures	98-02-03)	1,5,6, 11,16-18	
A	cramii 5, Trguics	7,5	7,20,21	
х	FR 2 747 034 A (SCI 10 October 1997 (19 * claims 1,2,11; fig	97-10-10) gures *	1-6,10, 11,16,17	
A	* page 6, line 6 - 1	line 8 *	7	
1	DE 295 11 146 U (OH: 30 November 1995 (19 * claims 1,12-15; f	995-11-30)	1,2,5,6,	
A	" Cidins 1,12-15; Ti	igures 1-3,/ -	7-9,12, 18-21	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
1	FR 2 742 653 A (COLO 27 June 1997 (1997-6 * claims 1,5-9,11,12	96-27)	13-15	
A	Cidillis 1,3-3,11,12	., rigures 1,2	1,2, 10-12, 16,18, 20,21	
	WO 99 63914 A (HENDE ;NEWMAN JOHN W (US); 16 December 1999 (19 * figures 5,6,12-14	RSON REBECCA SASSCER HENDERSON FRASER C) 199-12-16)	1,2,5,6, 8,11,16, 17	
-	The present search report has be	ron drawn up for eill oleims		
	Place of search	Date of completion of the search	<u> </u>	Examiner
•	THE HAGUE	31 October 2001	Stac	h, R
X : partice Y : partice docum A : techno	TEGORY OF CITED DOCUMENTS ularly relevant if taken alone ularly relevant if combined with anothe nent of the same category ological background ritten disclosure redister document	L : document cited for	e underlying the involument, but publish to ment, but publish to ment application or other reasons	ention ed on, or

EPO FORM 1503 03.82 (P24C01)

P: intermediate document

document

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 00 31 0411

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

31-10-2001

Patent document cited in search report		Publication date		Publication date
A	12-06-1997	AU CA EP US WO	705598 B2 1330197 A 2242645 A1 0915687 A1 5888223 A 9720526 A1	27-05-1999 27-06-1997 12-06-1997 19-05-1999 30-03-1999 12-06-1997
A	03-02-1998	FR DE JP	2733413 A1 19615938 A1 8299360 A	31-10-1996 31-10-1996 19-11-1996
A	10-10-1997	FR BR CA EP WO JP US	2747034 A1 9710703 A 2250804 A1 0891169 A1 9737620 A1 2000508187 T 6235059 B1	10-10-1997 17-08-1999 16-10-1997 20-01-1999 16-10-1997 04-07-2000 22-05-2001
U	30-11-1995	DE	29511146 U1	30-11-1995
А	27-06-1997	FR AT DE DE EP WO	2742653 A1 194275 T 69609197 D1 69609197 T2 0869753 A1 9723175 A1	27-06-1997 15-07-2000 10-08-2000 15-03-2001 14-10-1998 03-07-1997
Α	16-12-1999	US AU WO	6066175 A 4416099 A 9963914 A1	23-05-2000 30-12-1999 16-12-1999
	A A U	A 12-06-1997 A 03-02-1998 A 10-10-1997 U 30-11-1995 A 27-06-1997	A 12-06-1997 AU AU CA EP US WO A 10-10-1997 FR BR CA EP WO JP US US AU AU CA EP WO A 10-10-1997 FR BR CA EP WO A 16-12-1999 US AU	A 12-06-1997 AU 705598 B2 AU 1330197 A CA 2242645 A1 EP 0915687 A1 US 5888223 A W0 9720526 A1 A 03-02-1998 FR 2733413 A1 DE 19615938 A1 JP 8299360 A A 10-10-1997 FR 2747034 A1 BR 9710703 A CA 2250804 A1 EP 0891169 A1 W0 9737620 A1 JP 2000508187 T US 6235059 B1 U 30-11-1995 DE 29511146 U1 A 27-06-1997 FR 2742653 A1 AT 194275 T DE 69609197 D1 DE 69609197 T2 EP 0869753 A1 W0 9723175 A1 A 16-12-1999 US 6066175 A AU 4416099 A

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

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